## SEP 2 2 2004

PART B - FEE(S) TRANSMITTAL

Complete muserd this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450 (703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee potifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

Note: A certificate of mailing can only be used for domestic mailings of the

22511

7590

06/21/2004

OSHA & MAY L.L.P. 1221 MCKINNEY STREET HOUSTON, TX 77010

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Signature) (Date

APPLICATION NO. FILING DATE FIRST NAM		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/827 131	04/05/2001	Graham Mensa-Wilmot	05516.088001	4894

TITLE OF INVENTION: DRILL BIT HAVING LARGE DIAMETER PDC CUTTERS

APPLN. TYPE	SMALL ENTITY	ISSUE FE	FEE PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	0 \$300		\$1630	09/21/2004
EXAMINER		ART UNIT		CLASS-SUBCLASS	]	
PETRAVICK, MEREDITH C 367			71 175-434000			
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  □ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  □ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer			names of agents OF firm (havi agent) and	nting on the patent front page, up to 3 registered patent a R, alternatively, (2) the name ing as a member a registered d the names of up to 2 regist or agents. If no name is listed	ttomeys or 1 Osha of a single attorney or 2 ered patent	& May L.L.P.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Authorized Signal

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Smith International, Inc.

Houston, Texas

Please check the appropriate assignee category	or categories (will not be printed on the patent);	individual —	Corporation of other private group entity	G government			
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):						
🛚 Issue Fee	☐ A check in the amou	nt of the fee(s)	is enclosed.				
M Publication Fee	XXPayment by credit ca	ard. Form PTO-	2038 is attached.				
🛚 Advance Order - # of Copies4	The Director is here Deposit Account Number	The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number					
Director for Patents is requested to apply the Is	sue Fee and Publication Fee (if any) or to re-apply a	ny previously p	paid issue fee to the application identified abo	ve.			

(Date)

NOTE; The Islae Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.
This collection of information is required by 37 CFR 1.311. The information is required the obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.
73 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

09/23/2004 FFANAIA3 00000079 09827131

CERTIFICATE OF Applicant(s): Graham	Docket No. 05516.088001			
Application No. 09/827,131	Filing Date April 5, 2001	Examiner Petravick, Meredith C.	Customer No. 22511	Group Art Unit
SEP 2 1 2004	T HAVING LARGE DIAM			
, , , , , , , , , , , , , , , , , , , ,		Issue Fee		
•		tal Service "Express Mail Post Office nissioner for Patents, P.O. Box 1450		
	(Date)		** .	
		Jeannie  (Typed or Printed Name of Pers  (Signature of Person Mai	on Mailing Correspond	lence)
		FV 52318	4589 US	
	•	("Express Mail" Mail		
	Note: Each pape		ing Label Number)	

TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)					Docket No.			
(37 C.F.R. 1.311)						0551	6.088001	
Арр	licant(s):							
Gral	ham MENSA-W	TLMOT, et al.						
Ар	Application No. Filing Date Examiner Customer No				Customer No.	Group Art Unit	Confirmation No.	
•	09/827,131	April 5, 2001	Petravick, Mei	edith C.	22511	3671	4894	
	Onton: Distriction of the property of the prop	L BIT HAVING LAI	RGE DIAMETER F	PDC CUTTE	RS			
BEEF	CONTERNACE OF	<del>,</del>	COMMISSIONE	ox 1450				
Tran	smitted herewit	h are the following fo	r the above-identif	ied application	on.			
X		nsmittal Form PTOL						
X	Utility Fee:	\$ 1330.00	Design Fee:			Plant Fee:		
<b>X</b>	Publication Fe			0.00		em PT0 203	P IS ATTACHEO.	
$\boxtimes$	<del>A check in</del> the	ŕ				~m   1 4 603	ווא בע ז אויי	
$\boxtimes$		s hereby authorized	to charge and cred	lit Deposit A	ccount No.			
	as described							
		arge the amount of						
		dit any overpayment						
	/ Cha	arge any additional fe	e requirea.					
,	172	-#45,07°	7	Datad:	9/21/04			
		Signature		Daleu.	1121109	L		
-/\		a, Reg. No. 33,986						
	SHA & MAY L 221 McKinney S	Street, Suite 2800						
	louston, Texas 7							
Т	elephone: 713/2	228-8600						
F	acsimile: 713/22	28-8778						
cc:								
00.	Certifi This ce	icate of Transmission by	ed if paying		Certificate of M	lailing by First Cla	ss Mail	
by deposit account.  I certify that this document and authorization to charge deposit  I certify that this document and fee is being deposited								
	account is being	facsimile transmitted	to the United States	i II	with	the U.S. Postal Ser	vice as first class	
	and Trademark Office (Fax ) mail under 37 C.F.R. 1.8 and is addressed to the Commissioner Patents, P.O. Box 1450, Alexandria, VA.22313-1450.							
	Date Date							
		Signature			Signature of Per	son Mailing Correspo	ndence	
	Typed or Prin	ted Name of Person Signin	g Certificate	Typ	ed or Printed Name	of Person Mailing Co	orrespondence	